



JUL 23 2002

TECH CENTER 1600/2900

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/678,303

DATE: 07/01/2002

TIME: 15:31:54

Input Set : A:\EP.txt

Output Set: N:\CRF3\07012002\I678303.raw

ENTRUSTED

4 <110> APPLICANT: VEZINA, Louis-Philippe
 5 D'AOUST, Marc-Andr,
 6 MEDICAGO Inc.
 8 <120> TITLE OF INVENTION: PROMOTER FOR REGULATING EXPRESSION OF
 9 FOREIGN GENES
 11 <130> FILE REFERENCE: 14149-4"US"
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/678,303
 C--> 13 <141> CURRENT FILING DATE: 2000-10-03
 13 <150> PRIOR APPLICATION NUMBER: US 60/157,129
 14 <151> PRIOR FILING DATE: 1999-10-04
 16 <160> NUMBER OF SEQ ID NOS: 3
 18 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 1350
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Artificial Sequence
 25 <220> FEATURE:
 26 <223> OTHER INFORMATION: Sequence to be used as a Promoter for regulating
 27 expression
 29 <400> SEQUENCE: 1
 30 cgacggcccg ggcgtgtata tttatatgtt gtcaaataac tcaaaaacca taaaagttta 60
 31 agttagcaag tgtgtacatt tttatttgaa caaaaatatt cacctactac tggtataaat 120
 32 cattattaaa cattagagta aagaaatatg gatgataaga acaagagtag tgatattttg 180
 33 acaacaattt tgttgcaaca tttgagaaaa ttttggtgtt ctctcttttc attggtcaaa 240
 34 aacaatagag agagaaaaag gaagaggag aataaaaaca taatgtgagt atgagagaga 300
 35 aagttgtaca aaagttgtac caaaatagtt gtacaaatat cattgaggaa tttgacaaaa 360
 36 gtacacaaaa taagggttaa ttgctgtaaa taaataagga tgacgcatta gagagatgta 420
 37 ccattagaga atttttggca agtcattaaa aagaaagaat aaattatttt taaaattaaa 480
 38 agttgagtea tttgattaaa catgtgatta tttaatgaat tgatgaaaga gttggattaa 540
 39 aqttgtatta gtaattagaa tttggtgtca aatttaattt gacatttgat cttttcctat 600
 40 atattgcccc atagagtcag ttaactcatt tttatatttc atagatcaaa taagagaaat 660
 41 aacggtatat taatccctcc aaaaaaaaaa aacggtatat ttactaaaaa atctaagcca 720
 42 cgtaggagga taacatccaa tccaaccaat cacaacaatc ctgatgagat aaccacattt 780
 43 aagcccaagc actctgtggc acatctacat tatctaaatc acacattctt ccacacatct 840
 44 gagccacaca aaaaccaatc cacatcttta tcaaccattc tataaaaaat cacactttgt 900
 45 gagtctaac tttgatcccc ttcaaacaca tacaagaga agagactaat taattaatta 960
 46 atcatcttga gagaaaatgg ccaccgttac ttccaccacc gttgctatcc catcattcac 1020
 47 aggccttaag gcaaacgcaa gcaaaagttaa tgccatagct aaqgttccaa cttcaacttc 1080
 48 tcaattgcca aggctttgtg tcagagcttc cctcaaagac tttggagttg ctgctgttgc 1140
 49 cactgetgca agtgacattgt tagctagcaa tgcccttgca gttgaagtgt tgcttggtgc 1200
 50 tagtgatggg ggtttggett ttgttccaaa caatttcaca gtgaacgctg gagacaccat 1260
 51 tacattcaag aacaatgctg gttttcctca caacgttatt ttgatgaag acgagattcc 1320
 52 aagcgggggt gatgctgcaa tcgaattccc 1350

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56 <210> SEQ ID NO: 2
57 <211> LENGTH: 971
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
61 <220> FEATURE:
62 <223> OTHER INFORMATION: Sequence to be used as a Promoter for regulating
63     expression
65 <400> SEQUENCE: 2
66  cgggctgata tatatatatg ttgtcaataa actcaaaaac cataaaagtt taagtttagca      60
67  agtgtgtaca tttttatttg aacaaaaata ttacactact actgttataa atcattatta      120
68  aacattagag taaagaaata tggatgataa gaacaagagt agtgatattt tgacaacaat      180
69  ttgtttgcaa catTTtgaaa aattttgttg ttctctcttt tcattggtca aaaacaatag      240
70  agagagaaaa aggaagaggg agaalaaaaa cataatgtga gtatgagaga gaaagttgta      300
71  caaaagttgt accaaaatag ttgtacaaat atcattgagg aatttgacaa aagctacaca      360
72  aataagggtt aattgctgta aataaataag gatgacgcac tagagagatg taccattaga      420
73  gaatttttgg caagtcatta aaagaaaaga ataaattatt tttaaaatta aaagttgagt      480
74  caatttgatta aacatgtgat tatttaatga attgatgaaa gagttggatt aaagttggtat      540
75  tagtaattag aatttgggtg caaatttaat ttgacatttg atcttttctt atatattgac      600
76  ccatagagtc agttaactca tttttatatt tcatagatca aataagagaa ataacggtat      660
77  attaatccct ccaaaaaaaaa aaaacggtat atttactaaa aaatctaagc cactagggag      720
78  gataacatcc aatccaacca atcacaacaa tctgatgag ataaccact ttaagcccac      780
79  gaactctgtg gaacatctac attatctaaa tcacacattc ttccacacat ctgagccaca      840
80  caaaaaccaa tccacatctt taccacccat tctataaaaa atcacacttt gtgagctcac      900
81  actttgattc ccttcaaaaa catacaaaga gaagagacta attaattaat taatcatctt      960
82  gagagaaaat g                                     971

86 <210> SEQ ID NO: 3
87 <211> LENGTH: 731
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Sequence to be used as a Promoter for regulating
93     expression
95 <400> SEQUENCE: 3
96  agagagaaaa aggaagaggg agaataaaaa cataatgtga gtatgagaga gaaagttgta      60
97  caaaagttgt accaaaatag ttgtacaaat atcattgagg aatttgacaa aagctacaca      120
98  aataagggtt aattgctgta aataaataag gatgacgcac tagagagatg taccattaga      180
99  gaatttttgg caagtcatta aaagaaaaga ataaattatt tttaaaatta aaagttgagt      240
100 caatttgatta aacatgtgat tatttaatga attgatgaaa gagttggatt aaagttggtat      300
101 tagtaattag aatttgggtg caaatttaat ttgacatttg atcttttctt atatattgac      360
102 ccatagagtc agttaactca tttttatatt tcatagatca aataagagaa ataacggtat      420
103 attaatccct ccaaaaaaaaa aaaacggtat atttactaaa aaatctaagc cactagggag      480
104 gataacatcc aatccaacca atcacaacaa tctgatgag ataaccact ttaagcccac      540
105 gaactctgtg gaacatctac attatctaaa tcacacattc ttccacacat ctgagccaca      600
106 caaaaaccaa tccacatctt taccacccat tctataaaaa atcacacttt gtgagctcac      660
107 actttgattc ccttcaaaaa catacaaaga gaagagacta attaattaat taatcatctt      720
108 gagagaaaat g                                     731

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VERIFICATION SUMMARY

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L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date